

1 Amendments to the claims:

2 Claims 1 thru 26 canceled.

3
4 27. (Previously presented) A simplified "T" interchange design
5 consisting of:

6 a first road surface for traffic moving in a left to right
7 direction, said first road surface having two lanes for traffic
8 moving in said left to right direction;

9 a second road surface for traffic moving in a right to left
10 direction, said second road surface having two lanes for traffic
11 moving in said right to left direction;

12 an open space between said first road surface and said second
13 road surface, said open space substantially forming a median;

14 a third road surface for traffic intending to connect onto
15 said first road surface and said second road surface; said third
16 road surface having two lanes for traffic; said third road surface
17 having one lane for traffic moving toward said first road surface
18 and said second road surface; said third road surface having one
19 lane for traffic moving away from said first road surface and said
20 second road surface; said third road surface having a terminated
21 end that is located within said median between said first road
22 surface and said second road surface;

23 a bridge located on said first road surface substantially
24 where said first road surface intersects said third road surface;

1 said bridge configured so that two lanes of traffic traveling on
2 said first road surface pass over said bridge, and above said
3 third road surface; said bridge configured so that two lanes of
4 traffic traveling on said third road surface pass under said
5 bridge, and under said first road surface;

6 an exit ramp that exits from said second road surface and
7 travels through said median and connects onto said terminated end
8 of said third road surface;

9 an on ramp that originates from said terminated end of said
10 third road surface and travels through said median and connects
11 onto said second road surface;

12 an exit ramp that exits from said first road surface and
13 connects onto said third road surface;

14 an on ramp that originates from said third road surface and
15 connects onto said first road surface.
16

17 28. (Previously presented) The simplified "T" interchange design of
18 claim 27 including a fence or a barrier that is located in said
19 median between said terminated end of said third road surface and
20 said two lanes of said second road surface.
21

22 29. (Previously presented) The simplified "T" interchange design of
23 claim 27 including a traffic signal ,or stop sign for vehicles

traveling on said third road surface; said traffic signal ,or said stop sign located at said terminated end of said third road surface substantially where said third road surface meets said exit ramp from said second road surface.

30. (Previously presented) The simplified "T" interchange design of claim 27 including a traffic signal ,or stop sign for vehicles traveling on said exit ramp from said second road surface; said traffic signal, or said stop sign located substantially where said exit ramp from said second road surface meets said terminated end of said third road surface.

31. (Previously presented) The simplified "T" interchange design of claim 27 wherein said bridge is an arched bridge.

32. (Previously presented) The simplified "T" interchange design of claim 27 wherein said first road surface has an up ramp to said bridge and a down ramp from said bridge.

33. (Previously presented) A simplified "T" interchange design comprising:

a first road surface for traffic moving in a left to right direction, said first road surface having two lanes for traffic

1 moving in said left to right direction;

2 a second road surface for traffic moving in a right to left
3 direction, said second road surface having two lanes for traffic
4 moving in said right to left direction;

5 an open space between said first road surface and said second
6 road surface, said open space substantially forming a median;

7 a third road surface for traffic intending to connect onto
8 said first road surface and said second road surface; said third
9 road surface having two lanes for traffic; said third road surface
10 having one lane for traffic moving toward said first road surface
11 and said second road surface; said third road surface having one
12 lane for traffic moving away from said first road surface and said
13 second road surface; said third road surface having a terminated
14 end that is located within said median between said first road
15 surface and said second road surface;

16 a bridge located on said first road surface substantially
17 where said first road surface intersects said third road surface;
18 said bridge configured so that two lanes of traffic traveling on
19 said first road surface pass over said bridge, and above said
20 third road surface; said bridge configured so that two lanes of
21 traffic traveling on said third road surface pass under said
22 bridge, and under said first road surface;

23 an exit ramp that exits from said second road surface and

travels through said median and connects onto said terminated end of said third road surface;

an on ramp that originates from said terminated end of said third road surface and travels through said median and connects onto said second road surface;

an exit ramp that exits from said first road surface and connects onto said third road surface;

an on ramp that originates from said third road surface and connects onto said first road surface.

34. (Previously presented) The simplified "T" interchange design of claim 33 including a fence or a barrier that is located in said median between said terminated end of said third road surface and said two lanes of said second road surface.

35. (Previously presented) The simplified "T" interchange design of claim 33 including a traffic signal ,or stop sign for vehicles traveling on said third road surface; said traffic signal ,or said stop sign located at said terminated end of said third road surface substantially where said third road surface meets said exit ramp from said second road surface.

36. (Previously presented) The simplified "T" interchange design of

claim 33 including a traffic signal ,or stop sign for vehicles traveling on said exit ramp from said second road surface; said traffic signal, or said stop sign located substantially where said exit ramp from said second road surface meets said terminated end of said third road surface.

37. (Previously presented) The simplified "T" interchange design of claim 33 wherein said bridge is an arched bridge.

38. (Previously presented) The simplified "T" interchange design of claim 33 wherein said first road surface has an up ramp to said bridge and a down ramp from said bridge.

39. (Previously presented) A simplified "T" interchange design comprising:

- a first road surface for traffic moving in a left to right direction, said first road surface having two lanes for traffic moving in said left to right direction;

- a second road surface for traffic moving in a right to left direction, said second road surface having two lanes for traffic moving in said right to left direction;

- an open space between said first road surface and said second road surface, said open space substantially forming a median;

1 a third road surface for traffic intending to connect onto
2 said first road surface and said second road surface; said third
3 road surface having two lanes for traffic; said third road surface
4 having one lane for traffic moving toward said first road surface
5 and said second road surface; said third road surface having one
6 lane for traffic moving away from said first road surface and said
7 second road surface; said third road surface having a terminated
8 end that is located within said median between said first road
9 surface and said second road surface;

10 a bridge located on said third road surface substantially
11 where said third road surface intersects said first road surface;
12 said bridge configured so that two lanes of traffic traveling on
13 said third road surface pass over said bridge, and above said
14 first road surface; said bridge configured so that two lanes of
15 traffic traveling on said first road surface pass under said
16 bridge, and under said first road surface;

17 an exit ramp from said second road surface that travels
18 through said median and connects onto said terminated end of said
19 third road surface;

20 an on ramp from said terminated end of said third road surface
21 that travels through said median and connects onto said second
22 road surface;

23 an exit ramp from said first road surface that connects onto

1 said third road surface;

2 an on ramp from said third road surface that connects onto
3 said first road surface.
4

5 40. (Previously presented) The simplified "T" interchange design of
6 claim 39 including a fence or a barrier that is located in said
7 median between said terminated end of said third road surface and
8 said two lanes of said second road surface.
9

10 41. (Previously presented) The simplified "T" interchange design of
11 claim 39 including a traffic signal ,or stop sign for vehicles
12 traveling on said third road surface; said traffic signal ,or said
13 stop sign located at said terminated end of said third road
14 surface substantially where said third road surface meets said exit
15 ramp from said second road surface.
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17 42. (Previously presented) The simplified "T" interchange design of
18 claim 39 including a traffic signal ,or stop sign for vehicles
19 traveling on said exit ramp from said second road surface; said
20 traffic signal, or said stop sign located substantially where said
21 exit ramp from said second road surface meets said terminated end
22 of said third road surface.
23

43. (New) A simplified "T" interchange design comprising:

A first road surface for traffic moving in a left to right direction, said first road surface having a lane for traffic moving in said left to right direction;

a second road surface for traffic moving in a right to left direction, said second road surface having a lane for traffic moving in said right to left direction;

an open space between said first road surface and said second road surface, said open space substantially forming a median;

a third road surface for traffic intending to connect onto said first road surface and said second road surface; said third road surface having lanes for traffic; said third road surface having a lane for traffic moving toward said first road surface and said second road surface; said third road surface having a lane for traffic moving away from said first road surface and said second road surface; said third road surface having a terminated end that is located within said median between said first road surface and said second road surface;

a bridge located on said first road surface substantially where said first road surface intersects said third road surface; said bridge configured so that a lane of traffic traveling on said first road surface passes over said bridge, and above said third road surface; said bridge configured so that lanes of traffic traveling on said third road surface pass under said bridge, and

1 under said first road surface;

2 an exit ramp that exits from said second road surface and
3 travels through said median and connects onto said terminated end
4 of said third road surface;

5 an on ramp that originates from said terminated end of said
6 third road surface and travels through said median and connects
7 onto said second road surface;

8 an exit ramp that exits from said first road surface and
9 connects onto said third road surface;

10 an on ramp that originates from said third road surface and
11 connects onto said first road surface.
12
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14 44. (New) A simplified "T" interchange design consisting of:

15 a first road surface for traffic moving in a left to right
16 direction, said first road surface having a lane for traffic moving
17 in said left to right direction;

18 a second road surface for traffic moving in a right to left
19 direction, said second road surface having a lane for traffic
20 moving in said right to left direction;

21 an open space between said first road surface and said second
22 road surface, said open space substantially forming a median;

23 a third road surface for traffic intending to connect onto
24 said first road surface and said second road surface; said third

1 road surface having lanes for traffic; said third road surface
2 having a lane for traffic moving toward said first road surface and
3 said second road surface; said third road surface having a lane for
4 traffic moving away from said first road surface and said second
5 road surface; said third road surface having a terminated end that
6 is located within said median between said first road surface and
7 said second road surface;

8 a bridge located on said first road surface substantially
9 where said first road surface intersects said third road surface;
10 said bridge configured so that a lane of traffic traveling on said
11 first road surface passes over said bridge, and above said third
12 road surface; said bridge configured so that lanes of traffic
13 traveling on said third road surface pass under said bridge, and
14 under said first road surface;

15 an exit ramp that exits from said second road surface and
16 travels through said median and connects onto said terminated end
17 of said third road surface;

18 an on ramp that originates from said terminated end of said
19 third road surface and travels through said median and connects
20 onto said second road surface;

21 an exit ramp that exits from said first road surface and
22 connects onto said third road surface;

23 an on ramp that originates from said third road surface and
24 connects onto said first road surface.